



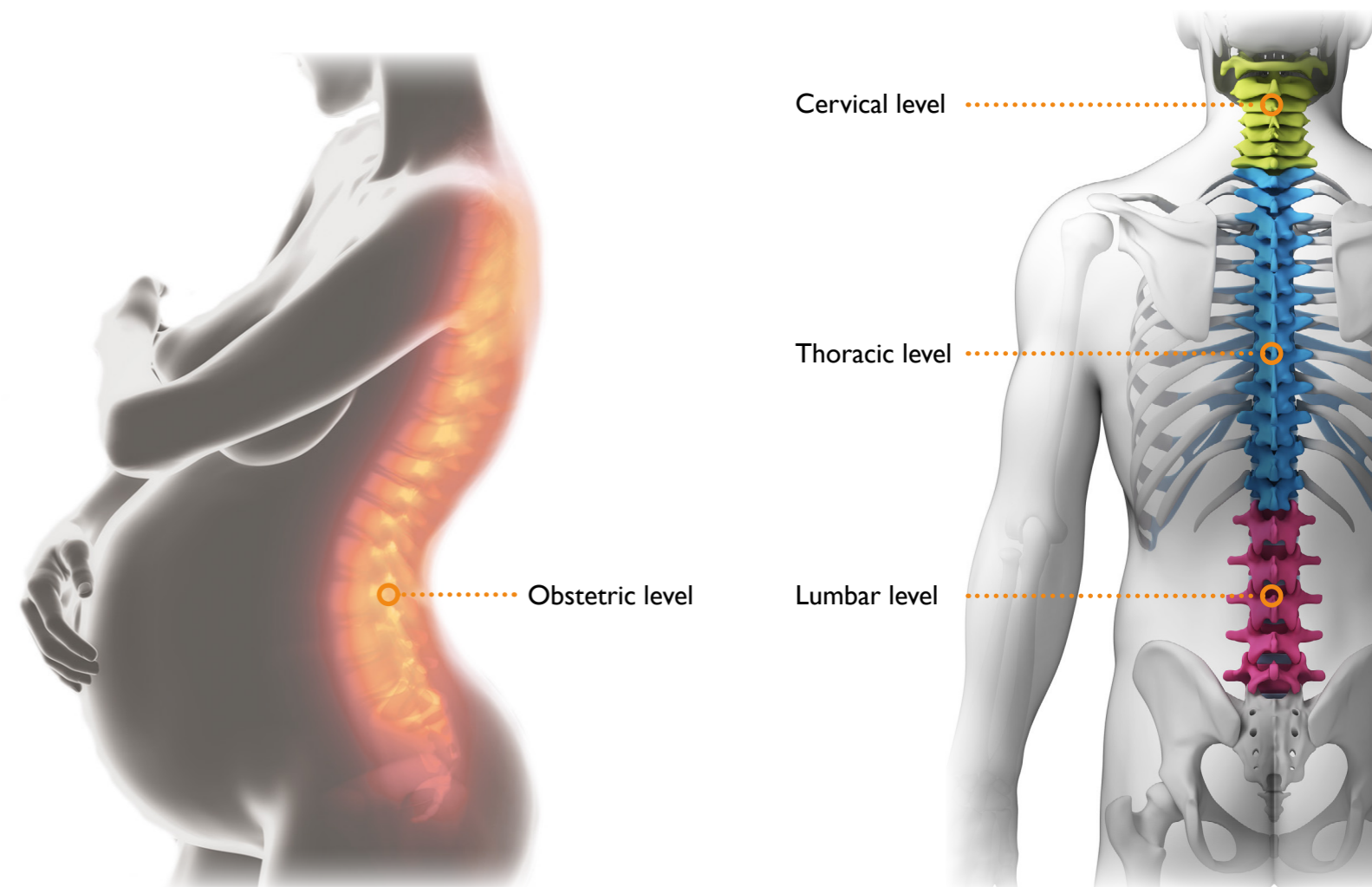
REGIONAL ANAESTHESIA
Epidural Catheterisation



Value Life







Epidural anaesthesia: the challenge of locating the epidural space without damaging the dura mater.



Vygon supports regional anaesthesia specialists in the development of new techniques thanks to:

- a range of efficient needles, catheters, syringes and accessories.
- set customization which allows the user to choose the most appropriate components to suit their clinical practice.

Feel, habit and personal preference are important factors in epidural anaesthesia. With these in mind, Vygon has developed its epidural range and can offer the following product enhancements:

- Standard and echogenic Tuohy needles with a choice of plastic or metal stylet 
- Catheters with varying degrees of stiffness 
- **epimatic**® loss of resistance syringe 
- **griplok**® for catheter fixation 

With a wide choice of components, Vygon can also offer a custom pack tailored to your requirements.

Summary

NEEDLES & CATHETERS

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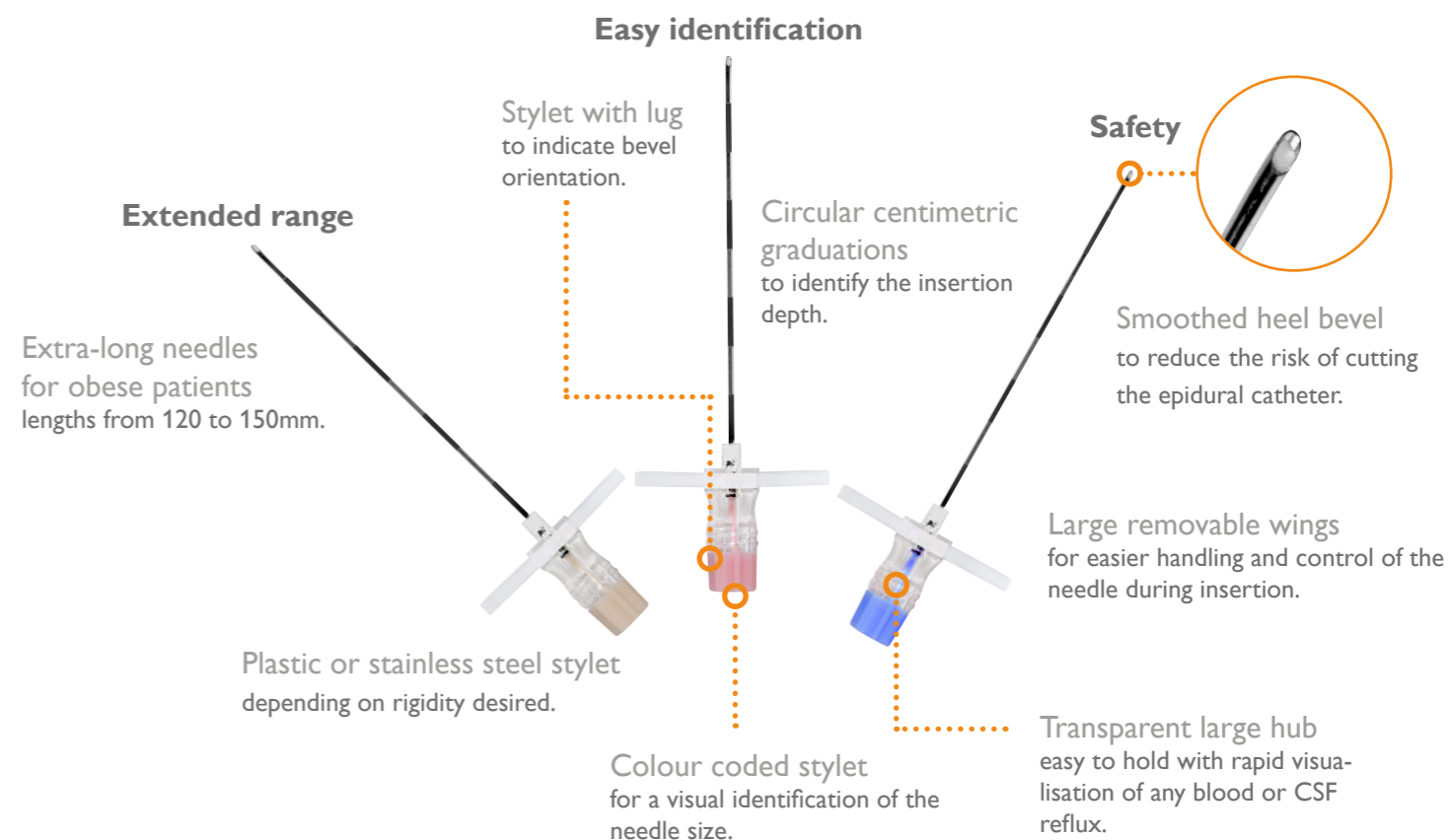
SYRINGES & ACCESSORIES

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Tuohy needles:
Needles for epidural anaesthesia



G	Ext. Ø mm	Int. Ø mm	Length mm	Colour code	Stylet material	Code	Packaging Box/case
19	1.08	0.80	90	Cream	Metal	184.19	20/800
18	1.32	1.12	152	Pink	Metal	184.58	20/180
18	1.32	1.12	120	Pink	Metal	184.28	20/180
18	1.32	1.12	90	Pink	Metal	184.18	20/800
18	1.30	1.07	80	Pink	Metal	184.88	20/800
18	1.30	1.07	80	Pink	Plastic	184.881	20/800
17	1.50	1.20	120	White	Metal	184.27	20/480
17	1.50	1.20	90	White	Metal	184.17	20/800
17	1.50	1.20	80	White	Metal	184.87	20/800
16	1.65	1.35	90	Blue	Metal	184.16	20/800
16	1.65	1.35	80	Blue	Metal	184.86	20/800

Pebax epidural catheters (polyether block amide)

- peribax standard 19G and 20G catheters

Easy to use Easy insertion
excellent compromise between flexibility and rigidity, limiting risk of trauma.
Excellent torque control
to guide the catheter.

Safety
Resistance to rupture
high stretch potential, safe in case of catheter blockage during withdrawal.

Good resistance to kinking

Transparent with radiopaque line
for ease of location in case of rupture.

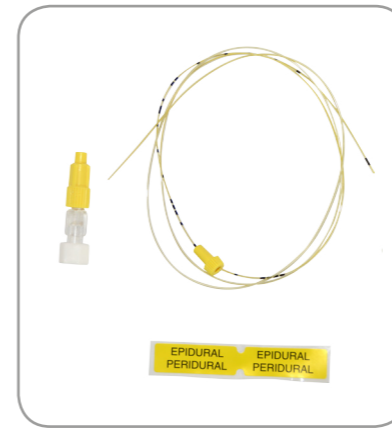
Distal end marking
ensuring easy confirmation that the entire catheter is removed.

Atraumatic Smoothed distal end
to limit the risk of dura mater or vascular perforation.

Control of insertion
Centimetric graduations
from 5 to 20 cm from the distal tip.

Versatility
Choice of closed (3 lateral eyes) or open distal tip.

- Range with peribax epidural catheters

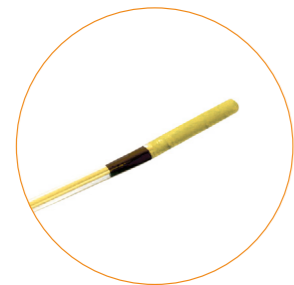


Stand-alone peribax 19G or 20G catheters



Mini-set with peribax 19G or 20G catheters

- peribax flexible end 20G catheter



peribax is also available with a soft distal end in order to:

- **Decrease the risk** of vascular or dura mater puncture.
- Allow the catheter to **naturally extend the curve** generated by the Tuohy needle.
- Offer **the ideal combination between rigidity and flexibility**.

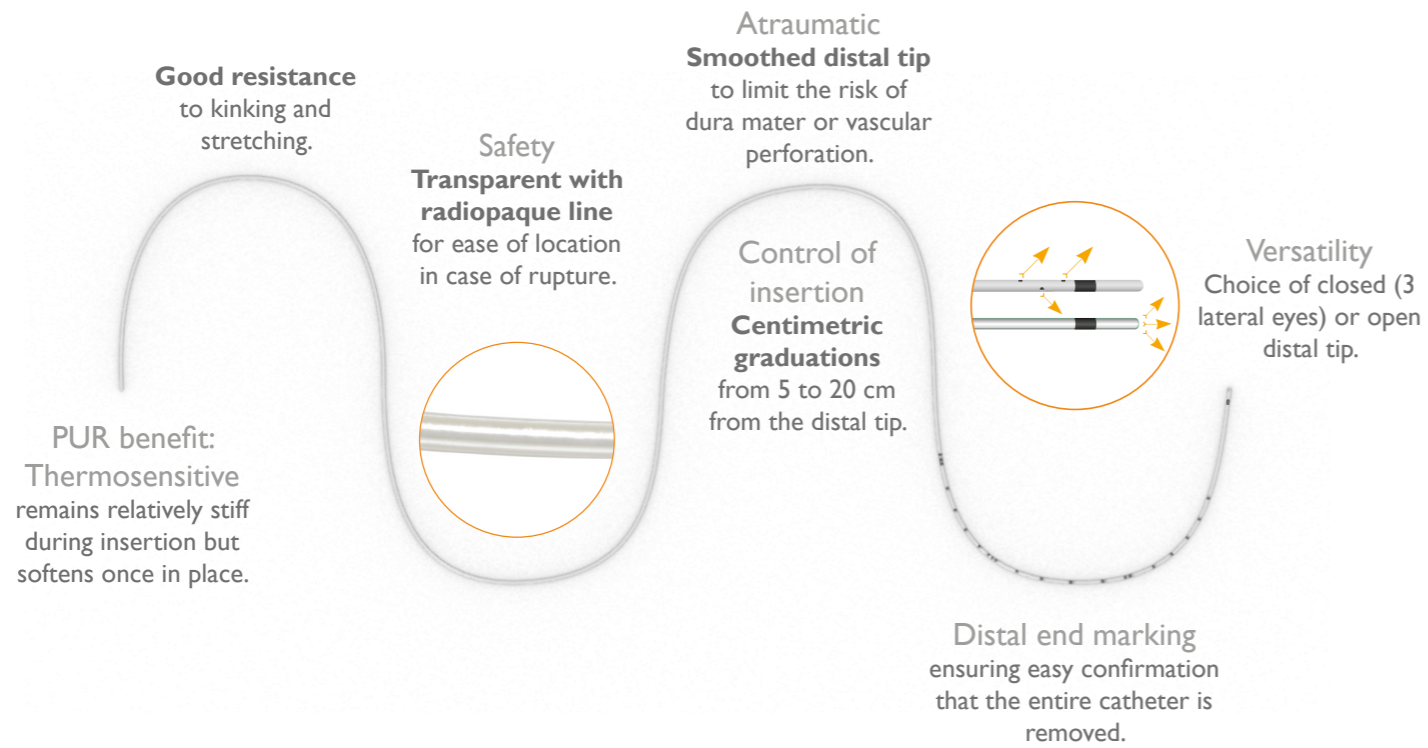
Available with closed tip, 3 lateral eyes, in kits 5191.337, 5191.3371 (p.7) and 5291.337 (p.11).

	Type	Catheter				Tuohy Needle			RI*	Accessories			Code	Quantity Box/case
		Length cm	Ext. Ø mm	Int. Ø mm	G	Length mm	G	Styler material	G	Catheter guide & easylock & yellow label	Filter 0,22µm	LOR 10ml ***		
Range with peribax closed tip and 3 lateral eyes catheter	Stand-alone	90	1.00	0.50	19	-	-	-	16 or 17	1	-	-	5186.802	20/240
	Stand-alone	90	0.85	0.45	20	-	-	-	18	1	-	-	5186.382	20/240
	Mini-set	90	0.85	0.45	20	90	18	Metal	-	1	1	1	5191.388	20/120
	Mini-set	90	0.85	0.45	20	80	18	Metal	-	1	1	1	5191.387	20/120
	Mini-set	90	0.85	0.45	20	80	18	Plastic	-	1	1	1	5191.3871	20/120
	Mini-set**	90	0.85	0.45	20	80	18	Metal	-	1	1	1	5191.337	20/120
	Mini-set**	90	0.85	0.45	20	80	18	Plastic	-	1	1	1	5191.3371	20/120
Range with peribax open tip catheter	Stand-alone	90	1.00	0.50	19	-	-	-	16 or 17	1	-	-	5186.602	20/240
	Stand-alone	90	0.85	0.45	20	-	-	-	18	1	-	-	5186.082	20/240
	Mini-set	90	1.00	0.50	19	80	16	Metal	-	1	1	1	5191.801	20/120
	Mini-set	90	1.00	0.50	19	80	16	Metal	-	1	1	1	5191.601	20/120
	Mini-set	90	0.85	0.45	20	90	18	Metal	-	1	1	1	5191.088	20/120
	Mini-set	90	0.85	0.45	20	80	18	Metal	-	1	1	1	5191.087	20/120
	Mini-set	90	0.85	0.45	20	80	18	Metal	-	1	1	1	5191.087	20/120

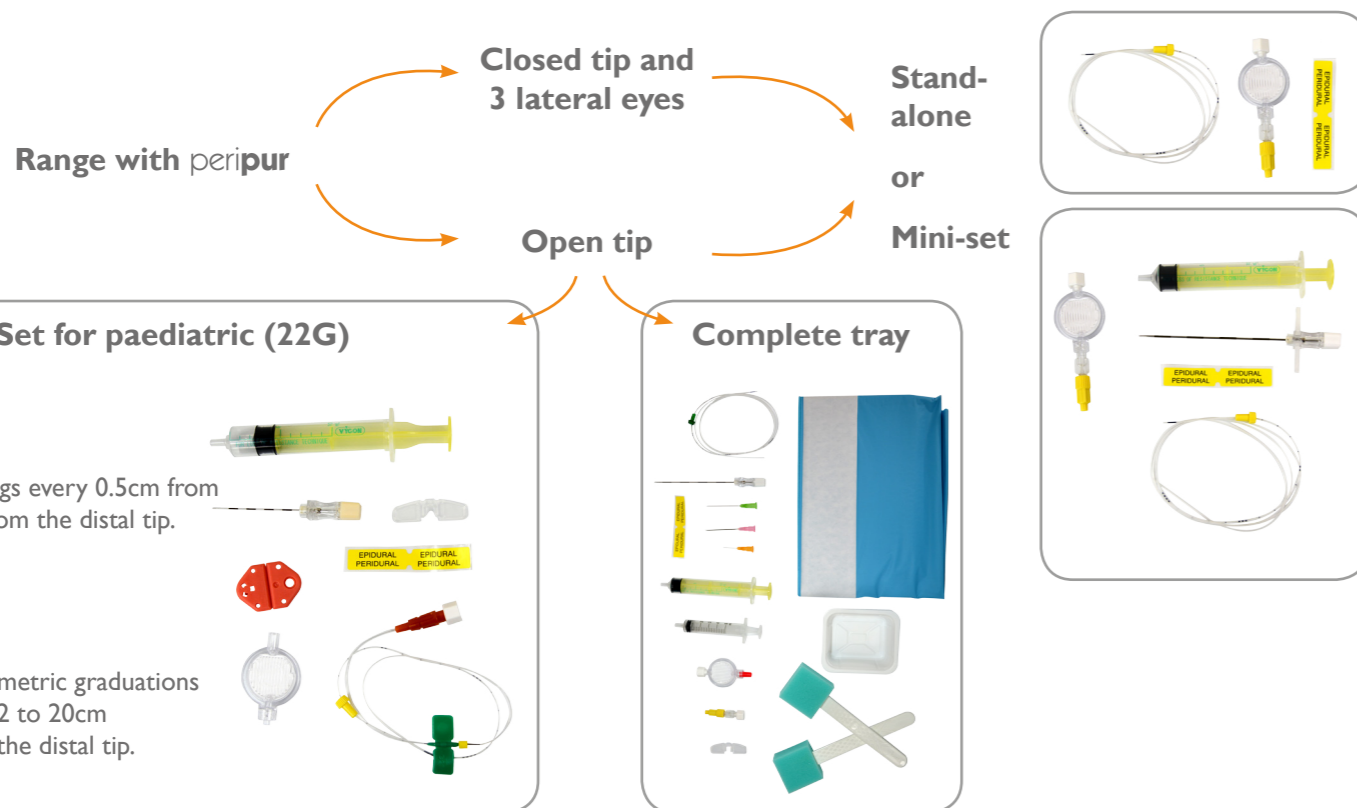
*RI: Recommended Introducer
**Catheter with flexible distal end
*** Loss of resistance syringe

peripur epidural catheters (polyurethane)

- peripur flexible 19G and 22G catheters



- Range with peripur epidural catheter



	Type of product	Catheter				Tuohy Needle			RI*	Accessories			Code	Quantity Box/case
		Length cm	Ext. Ø mm	Int. Ø mm	G	Length mm	G	Stylet material	G	Catheter guide & easylock & yellow label	Filter 0.22µm	LOR 10ml ***		
Range with peripur closed tip and 3 lateral eyes catheter	Stand-alone	90	1.0	0.5	19	-	-	-	17	1	-	-	186.30	20/240
	Mini-set	90	1.0	0.5	19	90	17	Metal	-	1	1	1	191.30	20/120
	Mini-set	90	1.0	0.5	19	90	17	Metal	-	1	1	-	189.30	20/240
	Mini-set	90	1.0	0.5	19	90	17	Metal	-	1	-	-	188.30	20/240
Range with peripur open tip catheter	Stand-alone	90	1.0	0.5	19	-	-	-	17	1	-	-	186.10	20/240
	Mini-set	90	1.0	0.5	19	90	17	Metal	-	1	1	1	191.10	20/120
	Mini-set	90	1.0	0.5	19	90	17	Metal	-	1	1	-	189.60	20/240
	Mini-set	90	1.0	0.5	19	90	17	Metal	-	1	-	-	188.10	20/240
	Paediatric set	40	0.7	0.3	22	50	19	Metal	-	1**	1	1	188.47	20/240
	Complete tray	90	1.0	0.5	19	90	17	Metal	-	1	1	1	189.70	1/8

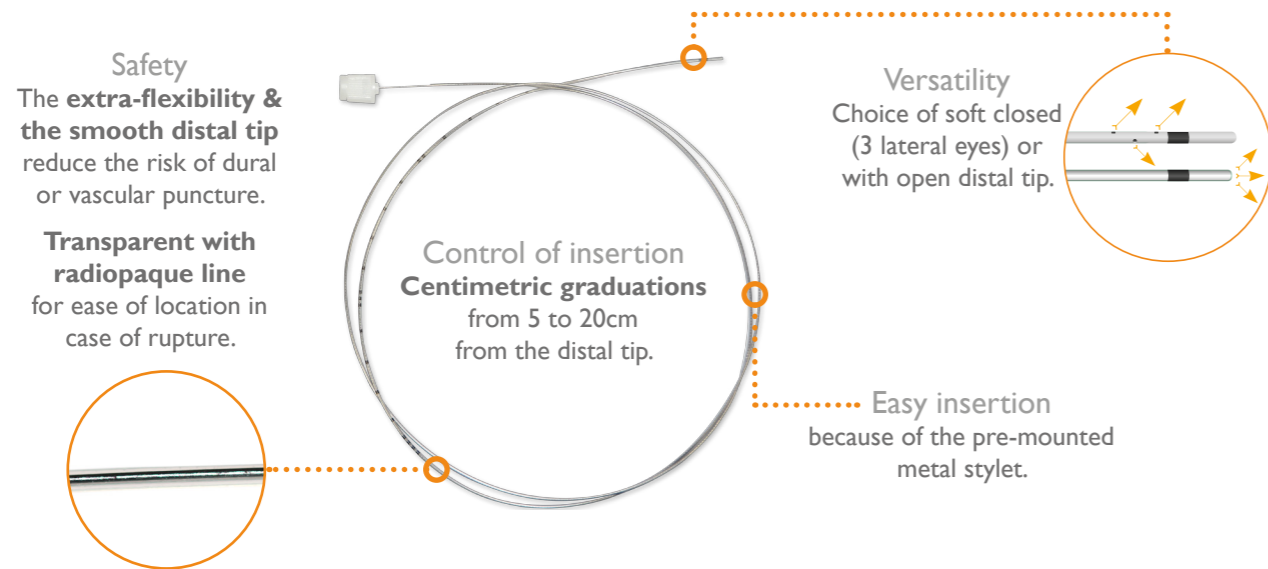
*RI: Recommended Introducer
 ** Catheter connection with extension line
 *** Loss of resistance syringe

Complete tray containing additional accessories:

- 3 hypodermic needles:
 - 18G - 38mm
 - 21G - 38mm
 - 25G - 16mm
- 1 Luer-slip 5ml plastic syringe
- 3 gallipots
- 1 drape towel 46 x 60cm
- 1 fenestrated drape 65 x 60cm – opening 7 x 12cm with adhesive edge
- 2 sponge sticks

peristyl epidural catheters (polyethylene)

- peristyl extra flexible catheters



- Range with peristyl epidural catheters

Type of product	Catheter				Tuohy Needle			RI*	Accessories			Code	Quantity Box/case	
	Length cm	Ext. Ø mm	Int. Ø mm	G	Length mm	G	Stylet material		easylock & yellow label	Filter 0.22µm	LOR 10ml **			
Range with peristyl closed tip and 3 lateral eyes catheter	Stand-alone	90	1.0	0.5	19	-	-	-	17	1	-	-	185.30	20/240
	Mini-set	90	1.0	0.5	19	90	17	Metal	-	1	1	1	191.70	20/120
Range with peristyl open tip catheter	Stand-alone	90	1.0	0.5	19	-	-	-	17	1	-	-	185.10	20/240
	Mini-set	90	1.0	0.5	19	90	17	Metal	-	1	1	1	191.50	20/120
	Mini-set	90	1.0	0.5	19	90	17	Metal	-	1	1	-	189.50	20/240
	Mini-set	90	1.0	0.5	19	90	17	Metal	-	1	-	-	187.10	20/240
Complete tray	90	1.0	0.5	19	90	17	Metal	-	1	1	1	189.05	1/8	

*RI: Recommended Introducer
** Loss of resistance syringe

Complete tray

containing additional accessories:

- 3 hypodermic needles:
18G - 38mm
21G - 38mm
25G - 16mm
- 1 Luer-slip 2.5ml plastic syringe
- 4 ball swabs
- 5 swabs 10 x 10cm
- 1 drape towel 100 x 120cm
- 1 forceps



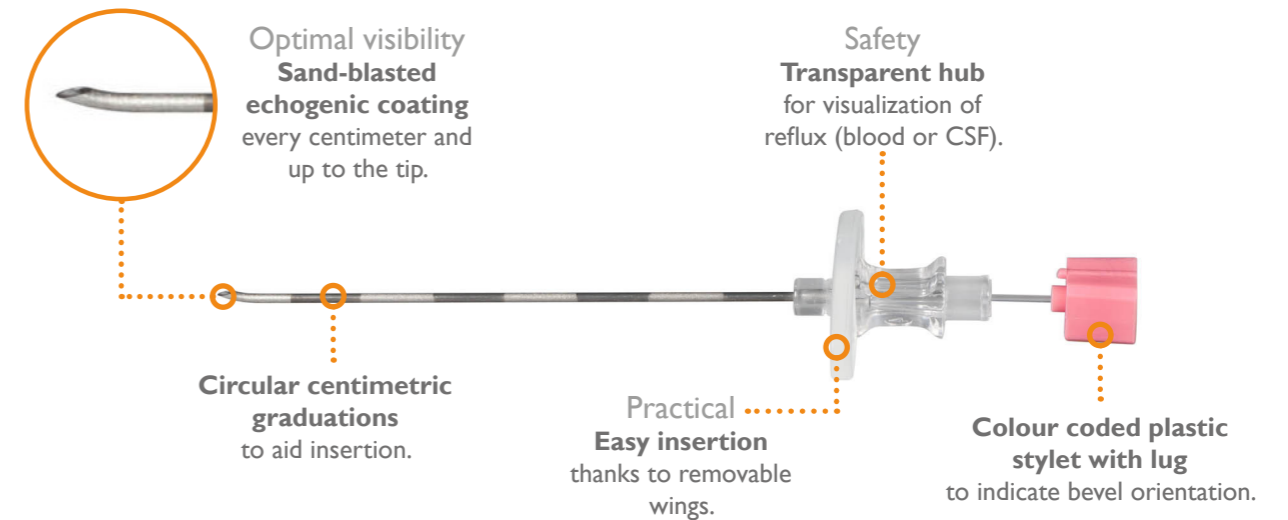
Mini-set



Needle for epidural under ultrasound: Rafa® Tuohy

- Ref: 6084.881 - 18G - 80mm

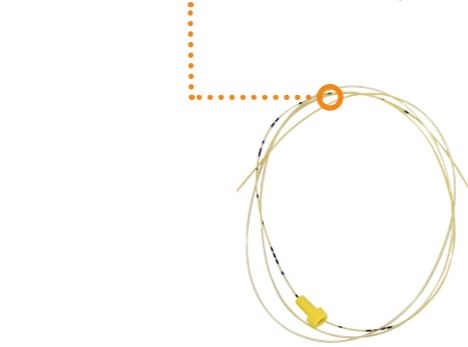
Developed with Dr Rafa Blanco (Abu Dhabi), the Rafa® Tuohy needle is sand-blasted to improve the quality of image under ultrasound.



Epidural echo set

- Ref: 5291.337

1 peribax catheter 20G 90cm flexible end, closed with 3 lateral eyes.



1 yellow label for epidural access identification.

1 easylock catheter connector with pre-mounted antibacterial filter 0.22µm.



1 LOR 10ml syringe allows automatic detection of the epidural space owing to the continuous positive pressure applied to the piston by the elastic strip.

1 Tuohy needle 18G 80 mm with removable wings, metal stylet.

Syringes for loss of resistance technique

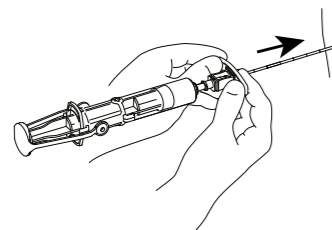
- **Smooth action** for low resistance during needle insertion.
- **Latex-free.**
- **Choice of:**



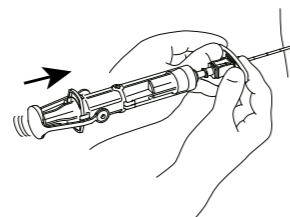
Syringe tip	Material	Volume (ml)	Code	Quantity Box/case
Luer-lock	Glass	10	1019.10	20/120
Luer-slip	Plastic	7	1018.07	20/240
Luer-slip	Plastic	10	1018.10	20/240
Luer-lock	Plastic	10	1018.103	20/240
Luer-slip	Plastic	10	1018.102	20/240

epimatic®

Practical
Inserting the needle with 2 hands ensures a smooth progression.



Safety
• Visual confirmation of access of the Tuohy needle into the epidural space.
• Can be used by anesthetists with all levels of experience.



Versatility
Syringe can be used either with liquid (L) or air (G); the silicone strip regulates the pressure.



VYGON

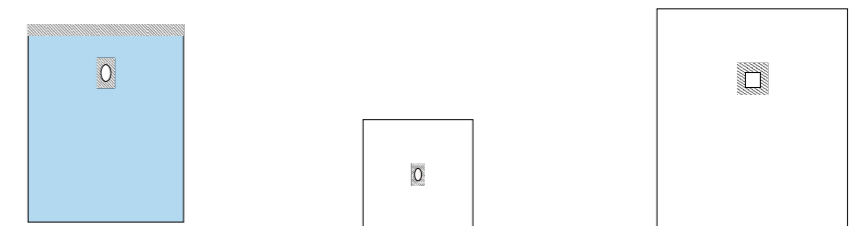
Accessories for epidural anaesthesia

- Flat filter



Code	808.22
Filter Surface area (cm ²)	4.3
Flow rate (ml/min)	>200ml/min at 3.1 bar
Prim. vol. (ml)	0.8
Pressure resistance (bar)	5.2 bar
Quantity (Box/case)	25/600

- Drapes



Code	41.08.07	39.40.41	39.80.15
Dimensions (cm)	70 x 80	40 x 40	80 x 140
Opening (cm)	7 x 12	Ø 6	7.5 x 5.4
Type	Absorbent impermeable	Transparent impermeable	Transparent impermeable
Quantity (Box/case)	25/50	60/720	55/220

- griplok®

- Ensures efficient and secure catheter fixation.
- Helps to prevent accidental removal of the catheter.
- Latex-free.

Code	5804.21
Dimensions (cm)	2.5 x 7.6
Box/case	50/500



Protection of the catheter

Flat and flexible for discretion and comfort.



Velcro strap to maintain catheter in place.

VYGON

Vyset®: Custom packs for epidural anaesthesia

VYSET®

Custom packs

Why choose customisation?

Customisation with Vyset enables you to create a pack specific to your requirements, standardising insertion procedures and ensuring maximum barrier precautions, therefore reducing the associated risks of infection.

● Saving time and money

- Reducing preparation time
- Improving stock management
- Reducing waste

● Improving safety

- Reducing the risk of infection
- Reducing the risk of error
- Improving working conditions
- Simplifying procedures which helps in emergency cases or when a practitioner works alone
- Traceability (one label + barcode)

The Vygon expertise

- Assembly and sterilization in our own facilities in Europe
- Selection of only high quality medical devices
- Sales Team at your disposal to provide any additional training, help and advice needed to ensure your pack is a success
- Continuous monitoring of ordering trends to ensure continuity of supply.

VYSET® in... operating room - vascular access - regional anaesthesia - neonatology - homecare

VYSET® provides all the components needed for a procedure, in the best aseptic conditions.

All needles and catheters dedicated to epidural anaesthesia are available within VYSET® together with:

- **Transparent drape with a large fenestration**
allowing visualization of the puncture area



- **Peelable and absorbent drape**



- **Transparent and permeable drape**



- **Ultrasound transmission gel**
Compact - does not stick.



- **Gallipots**
Different colours to differentiate drugs from disinfectant.



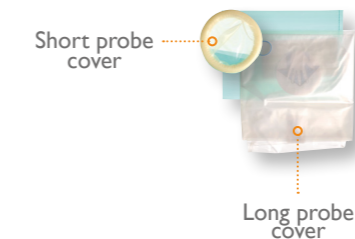
- **Safe hypodermic needles**
to avoid needle-stick injuries.



- **Sponge sticks**



- **Probe covers**



Adhesive cover avoids using gel between the probe and the probe cover.



For more information and for the set creation, feel free to contact your Vygon representative.

 ANAESTHESIA & EMERGENCY

For further information, please contact: questions@vygon.com

The specifications shown in this leaflet are for information only
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Vygon – 5, rue Adeline • 95440 ECOUEN • FRANCE
Reception: +33 (0)1.39.92.63.63 – Service clients France: +33 (0)1.39.92.63.81
Export customer service: +33 (0)1.39.92.64.15
Fax.: +33 (0)1.39.92.64.44 • www.vygon.com


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